

12. A digital video recorder according to claim 11, wherein the multiplexer comprises a second switch which selectively couples the medium interface to the encoder or to the digital source.

13. A digital video recorder according to claim 11, wherein the first switch selectively couples the decoder to the encoder to the digital source or to the medium interface.

14. A digital video recorder according to claim 11, wherein a transcoder receiving a fourth digital stream is coupled to the multiplexer.

15. A digital video recorder according to claim 14, wherein the second switch selectively couples the medium interface to the encoder, to the digital source or to the transcoder, and wherein the first switch selectively couples the decoder to the encoder, to the digital source or to the transcoder.

16. A digital video recorder according to claim 14, wherein the first switch selectively couples the decoder to the encoder, to the digital source, to the transcoder or to the medium interface.

17. A digital video recorder comprising :
 a digital encoder ;
 a digital decoder ;
 a medium interface for reading and recording on a medium;
 a multiplexer, coupled to the digital encoder, to the digital decoder and to the medium interface, the multiplexer having a first switch which couples the digital decoder with the digital encoder.

18. A digital video recorder according to claim 17, wherein the multiplexer comprises a second switch, which couples the medium interface to the digital encoder.

19. A digital video recorder according to claim 17, wherein the first switch selectively couples the decoder to the encoder or to the medium interface.

20. A digital video recorder according to claim 17, wherein the digital encoder is coupled to a tuner for receiving analogue signals.

21. A digital video recorder comprising :

an encoder of a first analogue signal into a first digital stream;

a medium interface for reading a second digital stream on a medium ;

a decoder;

means for allowing the decoder to decode the first digital stream or the second digital stream into a second analogue stream.

22. Digital video recorder according to claim 21, wherein a tuner generates the first analogue signal.

23. A digital video recorder according to claim 21, wherein the second analogue signal is sent to a display.

24. A digital video recorder according to claim 21, wherein a first switch has a first input connected to the encoder, a second input connected to the medium interface and an output connected to the decoder.

25. A digital video recorder according to claim 21, comprising:

means for allowing the first digital stream to be recorded on the medium by the medium interface.

26. A digital video recorder according to claim 25, wherein a second switch has an input connected to the encoder and an output connected to the medium interface.--